

December 17, 2002

A.F. O'Connor Station (B&S Auto)  
1333 Fourth Street  
Santa Rosa, California  
Case No. 1TSR248

**Notice of Corrective Action Plan Approval:**

Comment Period Ends January 16, 2003

**Problem Description:**

Soil and groundwater are contaminated by petroleum hydrocarbons related to former leaking underground storage tanks at 1333 Fourth Street. The contaminants include gasoline, diesel, benzene, toluene, ethylbenzene, xylenes, and gasoline oxygenates including Methyl tert Butyl Ether (MtBE). First groundwater is located between 11 and 25 feet below ground surface. A sensitive receptor survey indicates that water supply wells exist in the area. At least four irrigation wells have been impacted with MtBE.

**Site Characterization:**

The former underground storage tank system and some impacted soil have been removed. Numerous groundwater monitoring wells have been installed to investigate the impact to shallow and deeper water bearing zones. Elevated concentrations of petroleum hydrocarbons and MtBE have been detected in groundwater on and offsite in the vicinity of Fourth, 13<sup>th</sup>, Spring, Junior, St. Helena, and Stanford Streets and McDonald Avenue. The vertical and lateral extent of MtBE is not defined. Petroleum hydrocarbon releases have also occurred at 1311 and 1322 Fourth Street and co-mingled plumes exist.

**Proposed Corrective Action:**

The responsible parties for 1333 Fourth Street propose to use a combination of soil vapor extraction and groundwater extraction and/or dual phase extraction to remediate soil and groundwater.

**The proposed corrective action will be approved without further notice unless significant public comment is received prior to January 16, 2003. Please contact Joan Fleck at (707) 576-2675 or [Flecj@rbl.swrcb.ca.gov](mailto:Flecj@rbl.swrcb.ca.gov) with any questions.**